MILESTONES AND ACTIVITY LISTS

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| **DATE** | 22-10-2022 |
| **TEAM ID** | PNT2022TMID47799 |
| **PROJECT NAME** | Project- AI based localization and classification of skin disease with erythema |

1. **Project objective**
   * Project abstract
2. Problem statement
3. **Proposed solution**
4. Required software installation
   * Python IDE
   * IBM cloud
   * IBM WASTON studio
   * IBM CLOUDANT DB
   * YOLOv3 algorithm
5. Technical Architecture
6. **Building project**
   * Install python IDE- Spyder/Pycharm IDE
   * Install python packages Tensorflow

Keras OpenCV Progress Bar

1. Install Microsoft’s visual object Tagging Tool (VOTT)

Download and install the version of your operating system.

1. Training YOLO

Download and convert pre-trained weights.

1. CLOUDANT DB

Register and Login to IBM cloud

1. Create service instance
2. **Launch CLOUDANT DB**
3. Create database

Create Dataset from scratch

1. **Ideation Phase** Literature survey EmpathyMapCanvas Ideation
2. Project design phase I
   * Proposed solution
   * Problem solution fit
   * Solution Architecture
3. Project design phase II
   * Customer Journey
   * Functional Requirements
   * Data flow diagram
   * Technology Architecture
4. Project planning phase
   * Prepare Milestones & Activity list
   * Sprint Delivery plan
5. Project development phase
   * Project development- delivery of sprint-1
   * Project development- delivery of sprint-2
   * Project development- delivery of sprint-3
   * Project development- delivery of sprint-4